INFORMATION DISCLOSURE CITATION			Atty. Docket #		Serial No.	Serial No:		
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10	OIPE PTO-1449 (modified)				2001.662 US D2		10/693,802	
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12	US PATENT DOCUMENTS				Filing Date Group Art Unit			
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Init	Document Number	Date		lame	Class	Subclass	Filing Date	
JE	5,652,336	07-1997	Fife et al.		530	342		
JE	5,698,676	12-1997	Dhaon		530	334		
JE	5,877,278	03-1999	Zuckerman		530	334	· · · · · · · · · · · · · · · · · · ·	
JE	6,001,966	12-1999	Pieken et a	ıl	530	338		
JE	2001/0025025 A1	09-2001	Viskov	· · · · · · · · · · · · · · · · · · ·	514	9		
JE	6,506,701 B1	01-2003	Bolton et a		502	20		
JE	6,864,357 B2	03-2005	Eggen et a	<u>l.</u>	530	333	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
FORE	IGN PATENT DOCUM							
	Document Number	Publ.	C	ountry	Class	Subclass	Translation	
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	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) continued on page 2 of 2							
JE	European Search Report for Application No. EP 01 20 2753 dated June 28, 2002.							
JE	Derwent abstract number 0000135378 abstracting SU 215 227.							
JE	Fukuyama, T. et al, "2	,4-Dinitrobenze	enesulfonam	ides: A Simple	and Prac	tical Method fo	or the	
	Preparation of a Variety of Secondary Amines and Diamines," Tetrahedron Letters, Vol. 38, No. 33						38, No. 33	
	(1997) pp. 5831-5834.							
JE	Kisfaludy, L. et al., "A Novel and Rapid Peptide Synthesis," Tetrahedron Letters, No. 19 (1974) pp. 1785-1786.							
JE	Kunz, H. et al, "Der Al	lyloxycarbonyl(Aloc)-Rest -	- die Verwandlu	ng einer	untauglichen ir	n eine	
wertvolle Aminoschutzgruppe für die Peptidsynthese," Angew. Chem., Vol. 96,				ol. 96, No. 6 (19	984) pp. 426-			
	427.							
JE	English language vers	sion of Kunz, H	. et al., "The	Allyloxycarbony	/I (Aloc) I	Molety - Conve	ersion of an	
	Unsuitable into a Valuable Amino Protecting Group for Peptide Synthesis," Angew. Chem. Int. Ed. Engl., Vol. 23, No. 6 (1984) pp. 436-437.						in. int. Ca.	
 				Aspartic Acid H	at Minim	nizas Pinaridina	a-Catalyzed	
JE	Karlström, A. et al., "A New Protecting Group for Aspartic Acid that Minimizes Piperidine-Cataly Aspartimide Formation In Fmoc Soliid Phase Peptide Synthesis," Tetrahedron Letters, Vol. 37,					Vol. 37, No. 24		
	(1996) pp. 4243-4246		u i ilase i o _i	p,				
JE	Yue, C. et al., "2-Phenyl Isopropyl Esters as Carboxyl Terminus Protecting Groups in the Fast							
	Synthesis of Peptide Fragments," Tetrahedron Letters, Vol. 34, No. 2 (1993) pp. 323-326.							
FXAN	EXAMINER /Jon Epperson/ DATE CONSIDERED 01/21/2007							

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	INFORMATION DISCLOSURE CITATION	Atty: Docket #	Serial No.				
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	PTO-1449 (modified)	2001.662 US D2	10/693,802				
		Applicant					
		EGGEN, I. F. et al.					
		Filing Date	Group Art Unit				
		October 23, 2003	1639				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) (continued from page 1)							
JE	Athanassopoulos, P. et al., "Application of 2-Chlorotrityl Chloride in Convergent Peptide Synthesis," Tetrahedron Letters, Vol. 36, No. 31 (1995) pp. 5645-5648.						
	Mergler, M. et al., "Systematic Investigation of the Aspartimide Problem," Proceedings of the Second						
,	International and the Seventeenth American Peptide Symposium (June 9-14, 2001) pp. 63-64 and						
	title pages (2 sheets).						
	Carpino, L. A. et al, "Novel Carboxylic Acid and Carboxamide Protective Groups Based on the Exceptional Stabilization of the Cyclopropylmethyl Cation," J. Org. Chem., Vol. 60 (1995) pp. 7718-						
	7719.						
	Al-Obeidi, F. et al., "Synthesis of β - and γ -fluorenylmethyl esters of respectively N^{α} -Boc-L-aspartic						
	acid and N^{α} -Boc-L-glutamic acid," Int. J. Peptide Protein Res., Vol. 35 (1990), pp. 215-218.						
	Kunz, H. et al., "Allyl ester as temporary protecting group for the β-carboxy function of aspartic acid," Int. J. Peptide Protein Res., Vol. 26 (1985) pp. 493-497.						
	Sieber, P. with English Summary, "264. Der 2-Trimethylsilyläthyl-Rest als selektiv abspaltbare Carboxy-Schutzgruppe," Helvetica Chimica Acta, Vol. 60 , No. 8 (1977) pp. 2711-2716.						
	Chan, W. C. et al., "A Novel 4-Aminobenzyl Ester-based Carboxy-protecting Group for Synthesis of Atypical Peptides by Fmoc-Bu ^t Solid-phase Chemistry," J. Chem. Soc., Chem. Commun., (1995) pp. 2209-2210.						
	Li, P. et al., "Highly efficient synthesis of peptides by rational utilization of novel coupling reagents," Chinese Journal of Chemistry, Vol. 18, No. 4 (2000) pp. 456-466.						
	Franzén, H. et al., "Synthesis, Properties, and Use of N ⁱⁿ -Boc-tryptophan Derivatives," J. Chem. Soc., Chem. Commun. (1984) pp. 1699-1700.						
	Sieber, P. et al., "Protection of Carboxamide Functions by the Trityl Residue. Application to Peptide Synthesis," Tetrahedron Letters, Vol. 32, No. 6 (1991) pp. 739-742.						
	Sieber, P. et al., "Protection of Histidine in Peptide Synthesis: A Reassessment of the Trityl Group," Tetrahedron Letters, Vol. 28, No. 48 (1987) pp. 6031-6034.						
	Ramage, R. et al., "N _G -2,2,5,7,8-Pentamethylchroman-6-Sulphonyl-L-Arginine: A New Acid Labile Derivative for Peptide Synthesis," Tetrahedron Letters, Vol. 28, No. 20 (1987) pp. 2287-2290. Carpino, L. A. et al., "The 2,2,4,6,7-Pentamethyldihydrobenzofuran-5-sulfonyl Group (Pbf) as Arginine Side Chain Protectant." Tetrahedron Letters, Vol. 34, No. 49 (1993) pp. 7829-7832.						
Date							
	Eggen, I. F. et al., "Rapid solution-phase synthesis of a 20-mer peptide according to the DioRaSSP method," Supplement to Chimica Oggi/Chemistry Today, Vol. 23, No. 3, pp. 21-24.						
JE	Eggen, I. F. et al., "A novel method for repetitive peptide synthesis in solution with isolation of intermediates," Journal of Peptide Science, Vol. 11 (2005) pp. 633-641.						
ΕΧΔΝ		ATE CONSIDERED	01/21/2007				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE CITATION		INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Atty. Docket #	Serial No.				
PTO-1449 (modified)			2001.662 US D2	10/693,802				
			Applicant EGGEN, I. F. et al.					
			Filing Date October 23, 2003	Group Art Unit 1639				
OTI	ΙE	R DOCUMENTS (Including Author, Title, Date,	Pertinent Pages, etc.) (co	ontinued from page 2)				
JE	Eggen, I. F. et al., "DioRaSSP: Diosynth Rapid Solution Synthesis of Peptides," Organic Process Research & Development, Vol. 9 (2005) pp. 98-101.							
	7	Eggen, I. F., "DioRaSSP®: Diosynth Rapid Solution Synthesis of Peptides," Poster (2004).						
	٦	Eggen, I. F., "Extending the potentials of the DioRaSSP® method," Power Point Presentation (2004).						
		Ludt, R. E. et al., "A Comparison of the Synthetic Utility of n-Butyllithium and Lithium Diisopropylamide in the Metalations of <i>N,N</i> -Dialkyltoluamides," J. Org. Chem., Vol. 38, No. 9 (1973) pp. 1668-1674.						
		Tsuboi, S. et al., "Stereoselective Transformation of 2,4-Alkadienoic Esters to the 3,5-Dienoic Isomers with Lithium Diisopropylamide (LDA)," Chemistry Letters (9) (1984) pp. 1541-1542.						
		Dragovich, P. S. et al., "Formal Stereoselective Synthesis of Hydroxyethylene Dipeptide Isosteres Utilizing Pseudoephedrine Amides," J. Org. Chem., Vol. 62, No. 22 (1997) pp. 7872-7876.						
		Mallet, M. et al. with English Abstract, "Reaction De La Bromo-3 Pyridine Avec Le Diisopropylamidure. De Lithium. Mecanismes de Metallation Et De Migration D'Halogene. Regioselectivite De L'Addition Polaire Sur La Pyridyne-3,4," Tetrahedron, Vol. 38, No. 20 (1982) pp. 3035-3042.						
		Balamraju, Y. et al., "Mixed Aggregates of Lithium Tetramethylpiperidide with Butyllithium: Stereoselectivity of Ketone Enolization," Tetrahedron, Vol. 54, No. 26 (1998) pp. 7357-7366.						
		Kazmaier, U. et al., "Application of the chelate enolate Claisen rearrangement to the modification of dipeptides," Chemical Communications, Cambridge (22) (1998) pp. 2535-2536.						
		Carpino, L. A. et al., "Piperazino-Functionalized Silica Gel as a Deblocking-Scavenging Agent for the 9-Fluorenylmethyloxycarbonyl Amino-Protecting Group," J. Org. Chem., Vol. 48 (1983) pp. 666-669.						
		Carpino, L. A. et al., "Polystyrene-Based Deblocking-Scavenging Agents for the 9-Fluorenylmethyloxycarbonyl Amino-Protecting Group," J. Org. Chem., No. 48 (1983) pp. 661-665.						
		Carpino, L. A. et al., "Tris(2-aminoethyl)amine as a Substitute for 4-(Aminomethyl)piperidine in the FMOC/Polyamine Approach to Rapid Peptide Synthesis," J. Org. Chem., Vol. 55 (1990) pp. 1673-1675.						
		Russian Search Report dated January 23, 2003.						
		Israelian office action dated October 16, 2002.						
		Domb, A. J. et al., "Chemical Interactions Between Drugs Containing Reactive Amines with Hydrolyzable Insoluble Biopolymers in Aqueous Solutions," Pharmaceutical Research, Vol. 11, No. 6 (1994) pp. 865-868.						
		Supporting Information for Carpino et al., The 1,1-Dioxobenzo[b]thiophene-2-ylmethyloxycarbonyl (Bsmoc) Amino-Protecting Group. 11 June 1999, J. Org. Chem., Vol. 64, No. 12, pp. 4324-4338. Supporting Info. Pages 1-133.						
	Houghten, R.A. et al, "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery," Letters to Nature, Vol. 354 (1991) pp. 84-86.							
EX	41	EXAMINER /Jon Epperson/ DATE CONSIDERED 01/21/2007						

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.